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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/995,793A

DATE: 06/17/2002

TIME: 15:46:08

Input Set : A:\033488-001.ST25.txt

Output Set: N:\CRF3\06172002\I995793A.raw

4 <110> APPLICANT: Weber, Bernard H.F.
 5 Stoehr, Heidi
 7 <120> TITLE OF INVENTION: Novel retina-specific human proteins C7orf9, C12orf7, MPP4
 and F379

9 <130> FILE REFERENCE: 033488-001
 11 <140> CURRENT APPLICATION NUMBER: US 09/995,793A
 12 <141> CURRENT FILING DATE: 2001-11-29
 14 <150> PRIOR APPLICATION NUMBER: 60/253,751
 15 <151> PRIOR FILING DATE: 2000-11-29
 17 <160> NUMBER OF SEQ ID NOS: 71
 19 <170> SOFTWARE: PatentIn version 3.1
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 2435
 23 <212> TYPE: DNA
 24 <213> ORGANISM: Homo sapiens
 26 <220> FEATURE:
 27 <221> NAME/KEY: misc_feature
 28 <223> OTHER INFORMATION: artificial sequence, Translation start at 209; stop at 2435
 30 <400> SEQUENCE: 1

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33	tggtggccag	tgggactgag	tgagctgtgt	gccgtgtatt	gacccgcttc	ctagtcctga	180
34	attcctttca	gaagctccgg	cagggaggat	gatacagtca	gacaaaggag	cagatccacc	240
35	agacaagaag	gacatgaagc	tttctacagc	caccaatcca	cagaatggcc	tctcccagat	300
36	cctgaggctt	gtgctgcaag	agctgagttt	gttctacagc	agagatgtga	atggagtgtg	360
37	tctcttgtac	gatctcctcc	actgcgcgtg	gcttcaggct	ctgctaaaga	tttatgactg	420
38	cctccaggaa	tttaaagaaa	agaaactagt	tcctgccaca	ccacatgcac	aggtgttatc	480
39	ctatgaggta	gtggagttat	tacgtgaaac	ccctacttcc	cctgagatcc	aagagctgag	540
40	acaaatgctc	caggctccac	acttcaaggc	cttgctcagt	gcccatgaca	cgatagctca	600
41	gaaagatttt	gaacccttc	tcctccact	gccagacaat	atccctgaga	gtgaggaagc	660
42	aatgaggatt	gtttgtttag	tgaaaaacca	acagcccctg	ggagccacca	tcaagcgcca	720
43	cgagatgaca	ggggacatct	tggtggccag	gatcatccac	ggtgggctgg	cggagagaag	780
44	tggtgtgcta	tatgctggag	acaaactggt	agaagtgaat	ggagtttcag	ttgagggact	840
45	ggaccctgaa	caagtgatcc	atattctggc	catgtctcga	ggcacaatca	tgttcaaggt	900
46	ggttccagtc	tctgaccttc	ctgtgaatag	ccagcagatg	gtgtacgtcc	gtgccatgac	960
47	tgagtactgg	ccccaggagg	atcccgacat	cccctgcatg	gacgctggat	tgccctttcca	1020
48	gaagggggac	atcctccaga	ttgtggacca	gaatgatgcc	ctctggtggc	aggcccgaag	1080
49	aatctcagac	cctgctacct	gcgctgggct	tgtcccttct	aaccaccttc	tgaagaggaa	1140
50	gcaacgggaa	ttctggtggt	ctcagccgta	ccagccctcac	acctgcctca	agtcaaccct	1200
51	atcaattttct	atggaagaag	aagatgacat	gaagattgat	gagaaatgtg	tggaagcaga	1260
52	tgaagaaaca	tttgaatctg	aggaactttc	agaagacaag	gaggagtgtg	ttggctacgg	1320
53	tcagaagttc	tttatagctg	gcttccgccc	cagcatgcgc	ctttgtcgca	ggaagtctca	1380
54	cctcagcccc	ctgcatgcca	gtgtgtgctg	caccggcagc	tgctacagtg	cagtgggtgc	1440
55	cccttacgag	gaggtggtga	ggtaccagcg	acgccttca	gacaagtacc	gcctcatagt	1500

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57 tcccagccat tttcaaagtg ctgtgccaca cactactcgt actaaaaaga gttacgaaat 1620
58 gaatgggctg gagtatcact atgtgtccaa ggaaacattt gaaaacctca tatatagtca 1680
59 caggatgctg gagtatggtg agtacaaagg ccacctgtat ggcactagtg tggatgctgt 1740
60 tcaaacagtc cttgtcgaag gaaagatctg tgtcatggac ctagagcctc aggatattca 1800
61 aggggttcga acccatgaac tgaagcccta tgtcatattt ataaagccat cgaatatgag 1860
62 gtgtatgaaa caatctcgga aaaatgccaa gggttattact gactactatg tggacatgaa 1920
63 gttcaaggat gaagacctac aagagatgga aaatttagcc caaagaatgg aaactcagtt 1980
64 tggccaattt tttgatcatg tgattgtgaa tgacagcttg cagcatgcat gtgccagtt 2040
65 gttgtctgcc atacagaagg ctccaggagg gcctcagtgg gtaccagcaa catggatttc 2100
66 ctccagatact gagtctcaat gagacttctt gtttaattgct ggagttttta cactgtaccc 2160
67 ttgatacagc gatccatagt tgcaatctaa aacaacagta tttgacctat tttaatgtgt 2220
68 acaactttta aagtgcagca atttattaat taatcttatt tgaaaaaaat ttttattgta 2280
69 tggttatgtg gttacctatt ttaacttaat tttttttcct ttacctcata tgcagctgtg 2340
70 gtagaaatat gaataatgtt aagtcactga gtatgagaac ctttcgcaga tttcacatga 2400
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81 <223> OTHER INFORMATION: genomic DNA, Exon from 1 to 108
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85 aaagcttttg tctggatagg agcaacatgc atgtttacag tcttgaggt aagagacctt 120
86 ggcaaataat cctcagttac cagaagatgt atccataact gcctagcttg cctgtcagtt 180
87 tttaatagct aaagatataa atctgggtta tctaactcaa atggcttagt ttcattttta 240
88 ctcaaataat atggggaatt ttatgatctt gaaagagcag gttttgcttc gagaagccat 300
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98 <221> NAME/KEY: misc_feature
99 <223> OTHER INFORMATION: genomic DNA, Exon from 173 to 352
101 <400> SEQUENCE: 3
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104 ttagcacag gccctggctt gctgaggaaa tgctattgaa aatatattcc agtgtgctga 180
105 gagctggttg ccagtgggac tgagtgaagt gtgtgccgtg tattgacctg cttcctagtc 240
106 ctgaattcct ttcagaagct ccggcaggga ggatgataca gtcagacaaa ggagcagatc 300
107 caccagacaa gaaggacatg aagctttcta cagccaccaa tccacagaat ggtatgtgtc 360
108 accaggactc cttttctaga ccagaaagta atatcacctc tgacatgtga tcaaatgaat 420
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113 <210> SEQ ID NO: 4
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116 <213> ORGANISM: Homo sapiens
118 <220> FEATURE:
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120 <223> OTHER INFORMATION: genomic DNA, Exon from 165 to 286
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125 acaccgcac ctgccacccc atctctgtct tttctcttc ctaggcctct cccagatcct      180
126 gaggtctgtg ctgcaagagc tgagtctgtt ctacagcaga gatgtgaatg gagtgtgtct      240
127 cttgtacgat ctctccact cgcctggct tcaggctctg ctaaaggatg gtgcttcttt      300
128 gctcggaagc ctttgcttgc tgaaggggtt gtggggagtg ttagaaaaat gacagcttca      360
129 gtccattcag gctggatagt ggaatagttt ataaacaaca gaaattgata tctcacagtt      420
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131                                     448
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140 <223> OTHER INFORMATION: genomic DNA, Exon from 206 to 283
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144 cacaacttac taaacaccaa ccacaccgtg ctgtgcagcc attggtgcag ttgcctgggg      120
145 tgtttcttct ctttgagagt cttaaatcca aaatggcaat agtcatatta tcaatatcaa      180
146 ttctccctcc cttgtccttc tgcagattta tgactgcctc caggaattta aagaaaagaa      240
147 actagttcct gccacaccac atgcacaggt gttatcctat gaggttaagga gattttattc      300
148 cacaggatag tagagctctg atgtggtgcc attttcccca cattgctagt tcaaatgaat      360
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150 actttaatat aaggaagaac attggctg
151                                     448
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158 <220> FEATURE:
159 <221> NAME/KEY: misc_feature
160 <223> OTHER INFORMATION: genomic DNA, Exon from 165 to 245
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165 agatttttta aaatttttat aatgtatcct tttccatgaa ccaggtagtg gagttattac      180
166 gtgaaacccc tacttccctt gagatccaag agctgagaca aatgctccag gctccacact      240
167 tcaaggcaag tgctgtctaa aatagaaaag atgtcccat ctggcacata gacaaagttg      300
168 ggaaggagaa atatattgta tggaaaatgt tctctctgaa tagatgttct attactgtac      360
169 acggttactg accaacagat tgta
170                                     384
172 <210> SEQ ID NO: 7
173 <211> LENGTH: 448
174 <212> TYPE: DNA
175 <213> ORGANISM: Homo sapiens

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179 <223> OTHER INFORMATION: genomic DNA, Exon from 133 to 264
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184 ccctgtgccc aggccttgct cagtgtccat gacacgatag ctcagaaaga ttttgaaccc      180
185 cttctccctc cactgccaga caatatccct gagagtgagg aagcaatgag gattgtttgt      240
186 ttagtgaaaa accaacagcc cctggtaagg aaatcatttt ttatctttcc atttagggtta      300
187 agcttaggtt aattgtgaac caaattatat ctagtggtta cttgggcagt agccttgctt      360
188 gcgatcacat atacagtgat aataacggct gtcaactctg caagttttgc ctgtggtttc      420
189 aaacatatta catgtcacgg tgttttct                                     448
192 <210> SEQ ID NO: 8
193 <211> LENGTH: 448
194 <212> TYPE: DNA
195 <213> ORGANISM: Homo sapiens
197 <220> FEATURE:
198 <221> NAME/KEY: misc_feature
199 <223> OTHER INFORMATION: genomic DNA, Exon from 166 to 247
201 <400> SEQUENCE: 8
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203 ccagagctgc attgattgaa agaccagagc tgcattgatt gaggaagcc acctggaaaa      120
204 tggatcatgtc aggtaacaga gggatctcgt ctattctctc ttcagggagc caccatcaag      180
205 cgccacgaga tgacagggga catcttggtg gccaggatca tccacgggtg gctggcggag      240
206 agaagtggta agctggagca gctgggattg agagttacca gaaaaacagg aaacccttga      300
207 ctgttttagc ttctttctag agaaatccct tttttttctt ttttttttcc tttttttttt      360
208 tttgagatgg agtcttgctc tgtcgcccag gctggagtgc agtggcgtga tctcggtcca      420
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219 <223> OTHER INFORMATION: genomic DNA, Exon from 162 to 247
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224 ttctttgtat ctttctttgt tttttgttac tgtctgccta gggttgctat atgctggaga      180
225 caaactggta gaagtgaatg gagtttcagt tgagggactg gaccctgaac aagtgatcca      240
226 tattctggta aatcttcttt ttgccttttt gttaatgact tggagaaatg ccaaggctga      300
227 actgggacca tcaagccac gtgtgtgcac tgggatgtac cggggactca agttctcttg      360
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233 <211> LENGTH: 384
234 <212> TYPE: DNA
235 <213> ORGANISM: Homo sapiens
237 <220> FEATURE:

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243 tgagacctgg atacattgca ctgtaactct gtccaccgag cccagtaac cctgctagct      120
244 ccatgattgt catcctttct cctctcttat ttccaggcc atgtctcgag gcacaatcat      180
245 gttcaagggt gttccagtct ctgaccctcc tgtgaatagc cagcagatgg taagaattta      240
246 ctgagccttc aatctcacac acagtaaata cccaagtaac agcaactaaa tatgatgcgt      300
247 aataatccta tcctttgtac tgtgttgac ctggattcaa gactgtgttg gatatttttc      360
248 aatactgatg gcccgagaag caaa                                     384
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253 <212> TYPE: DNA
254 <213> ORGANISM: Homo sapiens
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258 <223> OTHER INFORMATION: genomic DNA, Exon from 138 to 334
260 <400> SEQUENCE: 11
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263 tatgcacctg ccatcagggt tacgtccgtg ccactgactga gtactggccc caggaggatc      180
264 ccgacatccc ctgcatggac gctggattgc cttccagaa gggggacatc ctccagattg      240
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278 <223> OTHER INFORMATION: genomic DNA, Exon from 152 to 216
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283 tttttgtcgc atggtttttt ccccccata ggaagcaacg ggaattctgg tggctcagc      180
284 cgtaccagcc tcacacctgc ctcaagtcaa ccctatgtga gtattgcaac tgcccagacg      240
285 gttcttctcg tttgcaataa agaccatggc attgcagtaa ataaagagtc taattgatgt      300
286 gaggtctggc atgccacatg                                     320
289 <210> SEQ ID NO: 13
290 <211> LENGTH: 320
291 <212> TYPE: DNA
292 <213> ORGANISM: Homo sapiens
294 <220> FEATURE:
295 <221> NAME/KEY: misc_feature
296 <223> OTHER INFORMATION: genomic DNA, Exon from 161 to 178
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RAW SEQUENCE LISTING ERROR SUMMARY
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:57; N Pos. 24,25,29,30,34,35

VERIFICATION SUMMARY

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Input Set : A:\033488-001.ST25.txt

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L:1294 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57 after pos.:0